ATTACHMENT V COLLOCATION

TABLE OF CONTENTS

Section 1. Introduction	V-1
Section 2. Definitions	V-1
Section 3. Collocation, Physical and Virtual	V-3
Section 4. Collocation	V-4
Section 5. Removals, Relocations and Rearrangements	V-18
Section 6. Term, Termination and Renewal	V-20
Section 7. Fees, Taxes and Payment Terms	V-21
Section 8. Other Obligations of MCIm	V-22
Section 9. Damage to Collocation Space	V-24
Section 10. Technical References	V-25
APPENDIX A	AA-1
EXHIBIT I	AA-5

ATTACHMENT V

COLLOCATION

Section 1 Introduction

This Attachment V sets forth the terms and conditions under which MCIm may obtain Collocation from BA.

Section 2 **Definitions**

As used in this Agreement, the following terms shall have the meanings specified below.

- 2.1 "Deposit" means the amount specified in Attachment I to be paid by MCIm to BA in connection with the submission of a Short Form Collocation Agreement, which amount shall cover, among other things, the cost of the Pre-Construction Survey.
- 2.2 "Cable Space" means any passage or opening in, on, under/over or through the Central Office cable support structure (e.g., cable risers, cable racks, cable vault or alternate splicing chamber) required to bring fire retardant fiber optic riser cable from the Partitioned Space to the location where the riser cable and the feeder cable meet and are spliced and the spaces between the splice and the Conduit Space, as well as the space between the Partitioned Space and the BA Point of Termination and any other space required to bring other fire retardant communications cable from one Partitioned Space of MCIm to another Partitioned Space of MCIm.
- 2.3 "Collocation" means the right of MCIm to obtain dedicated Partitioned Space, Cable Space, Conduit Space, power and other associated resources related thereto in a Collocation Premises and to place equipment in such space to interconnect with the BA network, services and/or unbundled Network Elements, and/or interconnect with any other Telecommunications Carrier located in such Collocation Premises through the use of BA facilities.
- 2.4 "Collocation Premises" or "BA Premises" means a BA LSO, serving wire centers and tandem offices as specified in NECA 4, as well as all other BA premises required under the Act, made available to MCIm for purposes of Collocation hereunder.

MCIm-BELL ATLANTIC MASSACHUSETTS INTERCONNECTION AGREEMENTV - 1

- 2.5 "Collocation Space" means the Partitioned Space, Cable Space, and Conduit Space that is made available to MCIm in a Collocation Premises for purposes of providing MCIm Collocation hereunder.
- 2.6 "Conduit Space" means any reinforced passage or opening in, on, under/over or through the ground between the feeder route conduit system (manhole "O") and cable vault location that is capable of containing communications facilities, including cable entrance facilities; main conduit; ducts; inner ducts; gas traps; underground dips such as short sections of conduit under roadway, driveways, parking lots and similar conduit installations, and that is required to bring MCIm-provided fiber optic feeder cable into the Collocation Premises.
- 2.7 "Design and Construction Completion Notice" means the notice form upon which MCIm indicates to BA MCIm's acceptance of the Collocation Space, a form of which is attached hereto as Exhibit I of Appendix A.
- 2.8 "Occupancy Date" means the date on which MCIm accepts the Collocation Space as specified in a Design and Construction Completion Notice.
- 2.9 "Partitioned Space" means an enclosed area within the Collocation Premises that is made available to MCIm by BA in accordance with this Attachment V and a Short Form Collocation Agreement for purposes of Collocation.
- 2.10 "Power" means any electrical power source supplied by BA for MCIm equipment in connection with any Collocation established hereunder, including all superstructure, infrastructure, and overhead facilities, including but not limited to cable, cable racks and bus bars.
- 2.11 "Pre-Construction Survey" means the work activities performed by BA in order to process an MCIm Short Form Collocation Agreement to the point just prior to performing any necessary Design and Construction Work. A Pre-Construction Survey is comprised of the following three elements:
 - A. Engineering record search and review to determine availability of MCIm requested Partitioned Space, Cable Space and/or Conduit Space;
 - B. Inspection of Collocation Premises and conduit to verify available space and determine the requirements of the Design and Construction Work; and
 - C. Administrative activities required to process the Short Form Collocation Agreement.
- 2.12 "Renewal Period" shall have the meaning set forth in Section 6.5.

- 2.13 "Reserved Space" shall have the meaning set forth in Section 4.4.
- 2.14 "Short Form Collocation Agreement" means the agreement under which MCIm contracts for Collocation Space, Power and other associated resources related thereto under this Agreement, a form of which is attached hereto as Appendix A.

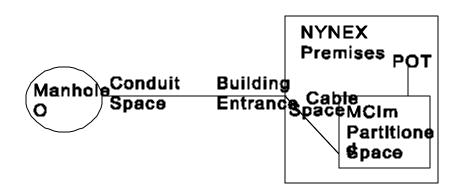


Figure 1

Section 3 General

3.1 BA shall provide, upon MCIm's request, a license to occupy Partitioned Space, Cable Space and Conduit Space to meet MCIm's needs for placement of equipment, interconnection, or provision of service pursuant to this Agreement and a license to occupy any premises or rack space which contain collocated equipment, including all necessary ingress, egress, and reasonable use of BA's property, for the Term of the Agreement.

3.2 Collocation Tariff Non-Applicability

Except as provided below for dedicated channel termination charges, the interim rates for collocation facilities and services shall be BA's current FCC tariffed collocation rates and charges until such time as final rates have been established by the Department in the Consolidated Arbitration or other proceeding wherein such costs are determined by the Department. Such interim rates are set forth in Attachment I of this Agreement. At such time as final rates are established by the Department, the Parties shall revise Attachment I of this Agreement to incorporate such rates and true-up retroactively any

amounts paid in the interim for collocation facilities and services.

Once final rates are established by the Department, BA shall not voluntarily seek by means of tariff filing or otherwise, to increase any of the rates for collocation facilities and services during the term of this Agreement. In the event that any regulatory agency should order increases in such final rates applicable to MCIm, BA will expeditiously file, seek approval of and, subject to regulatory approval, put into effect a customer-specific tariff applicable to MCIm which will contain the rates agreed herein.

- 3.3 BA shall provide virtual Collocation where physical Collocation is not practical for technical reasons or because of space limitations. BA shall take collocator demand into account when renovating existing Collocation Premises and constructing or leasing new Collocation Premises.
- 3.4 BA shall participate in and adhere to negotiated service guarantees and Performance Standards.
- 3.5 BA shall permit a collocating Telecommunications Carrier to interconnect its network with that of another collocating Telecommunications Carrier at the Collocation Premises. Such collocated carrier to collocated carrier interconnection shall be accomplished via BA transmission facilities, the price for which shall be established by applicable tariffs, if available, and otherwise on an individual case basis (ICB).
- 3.6 MCIm may choose to lease unbundled transport from BA, or from a third carrier, rather than to build to the Collocation Premises where equipment will be collocated.
- 3.7 This Agreement does not convey to MCIm any right, title or interest in the BA Collocation Premises other than expressly provided in this Agreement.

Section 4 Collocation

4.1 Short Form Collocation Agreement

4.1.1 To apply for Collocation Space, power and other associated resources related thereto in a Collocation Premises, MCIm shall submit to BA a Short Form Collocation Agreement in the form of Appendix A attached hereto, together with the Application Fee. Such Short Form Collocation Agreement shall be completed by MCIm. If MCIm submits a Short Form Collocation Agreement which does not contain information BA reasonably believes is necessary to permit BA to respond, BA will promptly inform MCIm of the information BA believes is missing,

and the parties will cooperate to provide or develop such information. A short Form Collocation Agreement shall be deemed to be binding upon MCIm and BA on the Start Date, as defined in Paragraph 4.1.3.

- 4.1.2 BA will process Short Form Collocation Agreements for occupancy in a Collocation Premises on a first-come, first-served basis. Standard intervals for occupancy in physical Collocation shall be seventy-six (76) business days following the date on which BA receives a service request for such premises, except as otherwise permitted by the ACC Collocation Guideline. In the event that MCIm should change its Collocation design characteristics, the interval for completion of construction shall reflect such changes. In such case, additional charges incurred would also be the responsibility of MCIm.
- 4.1.3 Within fourteen (14) business days of receipt by BA of a completed Short Form Collocation Agreement from MCIm, BA shall respond in writing to such Agreement by indicating either that MCIm may not be accommodated via physical Collocation or by providing MCIm with a cost estimate which shall set forth recurring charges and estimated design and construction costs and a time commitment for completion of such construction.

Within ten (10) business days after receipt by MCIm of such cost estimates, MCIm shall, in writing, accept or decline BA's proposal. If MCIm accepts BA's proposal, the date of receipt by BA of such acceptance shall be the Start Date.

- 4.1.4 In the event BA cannot fulfill MCIm's request for Collocation under a Short Form Collocation Agreement or MCIm cancels its request thereunder, BA will refund the Deposit less its reasonable incurred costs of processing the request.
- 4.1.5 Within five (5) business days after the Start Date, upon MCIm's reasonable request, the Parties shall meet to set proposed dates for milestone events such as initial space and cable route walk through, provision of power cabling details, and cage acceptance walk through.
- 4.1.6 Each Party will provide the other Party a single point of contact and telephone number as designated on the Short Form Collocation Agreement. Thereafter, each Party shall provide the other Party with additional or other contact names and telephone numbers to the extent requested and necessary.
- 4.1.7 BA shall be permitted to conduct inspections at irregular intervals of all or portions of the Collocation Space, to determine that the occupancies are authorized and that equipment or facilities located therein are installed and

maintained in accordance with the required standards set forth in this Agreement. BA will provide MCIm with five (5) business days' advance notice of any such inspection and MCIm's representatives will have the right to be present at the time of inspection.

4.2 **Pre-Construction Survey and Design and Construction Work**

- 4.2.1 At a minimum, BA shall provide MCIm a basic drawing of the Collocation Space. Such drawing shall include: (i) dimensions of such space; (ii) location and proximity of such space to any walls or other structures; (iii) location of doors, ground bars and AC convenience outlets; (iv) location of BA Point of Termination Bays (POT Bays); and (v) to the best of BA's knowledge, any physical obstructions which might have a materially adverse effect upon the construction of the requested cage. In addition, where readily available, BA shall also provide detailed Telephone Equipment drawings depicting the exact location, type, and cable termination requirements (i.e., connector type, number and type of pairs, and naming convention) for BA Point of Termination Bay(s). Such drawings shall be provided by BA at a time to be mutually agreed by the Parties and in accordance with the ACC Collocation Guideline. Within twenty (20) business days of the Start Date, the Parties shall agree on the final drawings.
- 4.2.2 BA shall provide detailed power cabling connectivity information including the sizes and number of power feeders to MCIm within five (5) days of BA's acceptance of any separate power provisioning bid.
- 4.2.3 After acceptance of MCIm's request for Collocation Space, the Parties shall mutually agree on a date for BA to conduct a walk through of the cable routes to be held prior to the commencement of collocation space construction.
- 4.2.4 BA shall construct the Collocation Space in accordance with the Parties' Mutually Agreed design configuration of the cage as shown in the agreed final drawings required under Paragraph 4.2.1.
- 4.2.5 BA shall permit MCIm to contract or subcontract the construction of physical Collocation arrangements with contractors approved by BA; provided, however, that BA shall not unreasonably withhold its approval of contractors. Approval of an MCIm contractor by BA shall be based on the same criteria it uses in approving contractors for its own purposes.
 - 4.2.5.1 MCIm may select its own vendors for all required engineering and

installation services associated with its collocated equipment (e.g., BA shall not require MCIm to utilize BA's internal engineering or installation work forces for the engineering and installation of MCIm's collocated equipment). MCIm's vendors must be: (i) on the current BA-approved vendors list which will be provided by BA to MCIm upon the Effective Date of this Agreement and updated as required, or (ii) considered by BA for inclusion for such list, upon MCIm's request.

- 4.2.6 MCIm shall have the right to use a portion of the Collocation Premises in addition to the Partitioned Space and loading areas, if available, on a temporary basis during MCIm's equipment installation work in the Partitioned Space. MCIm is responsible for protecting BA's equipment and Collocation Premises flooring within the staging area and along the staging route. MCIm will store equipment and materials within the Partitioned Space when work is not in progress (e.g., overnight). No storing of equipment and materials overnight will be permitted in the staging area(s). MCIm will meet all of BA's fire, safety and housekeeping requirements. This temporary staging area will be vacated and delivered to BA in a broom-clean condition upon completion of MCIm?s installation work ordinary wear and tear excepted.
- 4.2.7 BA shall provide written positive confirmation to MCIm when in the reasonable judgment of BA fifty percent (50%) of the physical construction of MCIm's Collocation Space is complete. BA's confirmation shall also include written confirmation of the scheduled completion date and Occupancy Date.

4.3 Acceptance and Turnover of Space

- 4.3.1 The Parties will complete an acceptance walk-through of Collocation Space within ten (10) days of completion. Exceptions will be noted during this acceptance walk-through in the Short Form Collocation Agreement and shall be corrected by BA within ten (10) business days after the walk-through, unless otherwise Mutually Agreed. The correction of these noted in the original Short Form Collocation Agreement, except as those caused or agreed to by MCIm, shall be at BA's expense. Turnover of the Collocation Space to MCIm shall be deemed to occur upon execution and delivery by the parties of a Design and Construction Completion Notice for such Collocation Space in the form attached hereto as Appendix A, Exhibit I (the "Occupancy Date").
- 4.3.2 BA will use its best efforts to provide occupancy of the space(s) on time and will keep MCIm advised of any delays. MCIm shall be compensated by BA in accordance with Attachment X for any delays in the negotiated completion and

turnover dates which create expenditures or delays to MCIm.

4.4 Reservation and Efficient Use of Partitioned Space

- 4.4.1 The initial license granted to MCIm for Partitioned Space is subject to a minimum requirement of one hundred (100) square feet and a maximum of three hundred (300) square feet of assignable space. Additional space will be provided on an as needed basis where feasible if MCIm's existing space is being "efficiently used" as defined in Section 4.4.3. MCIm can request additional Partitioned Space in increments of one hundred (100) square feet, unless otherwise agreed by BA, by completing a new Short Form Collocation Agreement following the procedures described in Section 4.1.
- 4.4.2 In connection with an existing license for a minimum of one hundred (100) square feet, MCIm has the option to reserve either one hundred (100) square feet, or two hundred (200) square feet, of space in the same Collocation Premises which will be partitioned at some future date ("Reserved Space"). BA will use best efforts to assign the Reserved Space so that it is contiguous with the Partitioned Space. However, BA makes no guarantee to that effect. Reservation of space pertains only to floor space. MCIm may not reserve any Cable Space or Conduit Space.
- 4.4.3 For purposes of this Agreement, "efficiently used" shall mean that substantially all of the floor space (no more than fifty percent (50%) used for storage cabinets and work surfaces) is taken up by the equipment specified in BA's relevant state tariffs and any comparable interstate tariff which may be filed and approved, placed no more than twenty percent (20%) above the minimum distances permitted by NEBS.
- 4.4.4 If Partitioned Space is needed to accommodate another interconnector or BA's service to its end user customers, BA may take back from MCIm Partitioned Space that is not being "efficiently used" (except for one hundred (100) square feet of such Partionioned space), upon ninety (90) days advance written notice to MCIm during which notice period MCIm shall have the opportunity to place equipment in the Partitioned Space so that it is "efficiently used" and not subject to be taken back by BA. However, MCIm must have placed some equipmentwithin that 100 sq. ft. which is interconnected to BA's network.

4.5 **General Collocation Requirements**

4.5.1 MCIm shall be responsible to ensure all persons under its authority and

control working in the Collocation Premises are compliant with the requirements of this Attachment V.

- 4.5.2 BA shall ensure protection of MCIm's proprietary subscriber information. Any Collocation arrangement shall include provisions for BA protecting MCIm's Proprietary Information.
- 4.5.3 BA to the extent it does so for its own employees, shall provide access to eyewash stations, shower stations, bathrooms, and drinking water within the Collocation Premises on a twenty-four (24) hours per day, seven (7) days per week basis for MCIm personnel and its designated agents.
- 4.5.4 MCIm will provide emergency access to its Partitioned Space at all times to allow BA to react to emergencies, to maintain the space (where applicable) and to ensure compliance with the regulations and standards related to fire, safety, health, and environmental safeguards set forth in this Attachment V. If conditions during any such emergency reasonably permit, BA will provide prior notification of access in order to provide MCIm the option to be present at the time of BA's access.
- 4.5.5 The reasonable use of shared building facilities (e.g., elevators, unrestricted corridors, designated restrooms, etc.) will be permitted by BA. If MCIm requires access to cable risers and racking for maintenance purposes, a BA escort will be provided unless BA deems such escort unnecessary.
- 4.5.6 Upon request by MCIm, BA shall provide documentation submitted to and received from contractors for any contractor bids for any work being done on behalf of MCIm (this includes, but is not limited to, power supplies and cage construction);

4.6 Collocation Technical Requirements

- 4.6.1 Upon the Effective Date of this Agreement, BA shall provide intra-office facilities (e.g., DS0, DS1 and DS3 terminations) permitting electrical hand-offs as requested by MCIm to meet MCIm's need for placement of equipment, interconnection, or provision of service. At such time that OC3, OC12, OC48 and STS-1 intra-office facility terminations become available in the Collocation Premises, they shall be made available to MCIm for its fiber hand-offs.
- 4.6.2 Subject to availability at the Collocation Premises and technical feasibility, BA shall provide all ingress and egress of fiber and power cabling to MCIm

Collocation Space in compliance with MCIm's cable diversity requirements. The specific level of diversity required for each Collocation Space or Network Element will be specified in the Short Form Collocation Agreement and if compliance will result in added expense, MCIm will be advised and given an opportunity to decide whether or not it wishes to pay such additional expense.

- 4.6.3 MCIm may collocate the amount and type of equipment it deems necessary in its Collocation Space in accordance with FCC Rules and Regulations, and any applicable Department Order or Regulation. BA shall not restrict the type of equipment or vendors of equipment to be installed.
- 4.6.4 MCIm shall be allowed to install transmission equipment of its choice, provided that such equipment meets all applicable specifications referenced in Section 10 of this Attachment V and is provided by a BA-approved vendor. Approved vendors will, at minimum, be vendors BA currently approves for its own use. BA will approve additional vendors, provided they meet Bellcore and BA standards.
- 4.6.5 BA will maintain MCIm's virtual Collocation equipment in parity with or better than, how it maintains its own equipment. Maintenance includes the change out of electronic cards provided by MCIm and per MCIm's request.
- 4.6.6 In the event that MCIm occupies more than one Partitioned Space location within the same Collocation Premises, MCIm will be permitted to interconnect its equipment contained in such Partitioned Spaces. At these Collocation Premises, for noncontiguous Partitioned Spaces BA will provide MCIm, at MCIm's expense, (i) cable racking between MCIm's Partitioned Spaces using BA designated supporting structures, and (ii) connecting cable installation. BA will provide the most direct Partitioned Space connection route possible. For contiguous Partitioned Spaces, MCIm will be responsible for supplying and installing the cabling and cable racking between such Partitioned Spaces using BA designated support structures. Power cables will not be placed in such arrangements.
- 4.6.7 BA will designate point(s) of termination on cross connect frames or similar devices as the point(s) of physical demarcation between MCIm facilities and BA facilities.
- 4.6.8 BA agrees that any Collocation Space furnished to MCIm will be in compliance with OSHA requirements. In the event that MCIm becomes aware of any violation or noncompliance with OSHA requirements in any such Collocation Space, MCIm will so notify BA and BA shall remedy such situation as promptly

as possible.

- 4.6.9 BA shall provide adequate lighting, ventilation, power, heat, air conditioning, and other environmental conditions for MCIm's space and equipment. These environmental conditions shall adhere to Bell Communication Research (Bellcore) Network Equipment-Building System (NEBS) standards TR-EOP-000063 and applicable OSHA standards.
- 4.6.10 MCIm shall be permitted to place storage cabinets, cross-connect frames and work surfaces (e.g., tables) in the Partitioned Space. However, in no event shall MCIm place flammable or hazardous materials in the Partitioned Space. To help ensure the availability of efficient space for other Interconnectors, such storage cabinets and work surfaces shall not take up more than fifty percent (50%) of the Partitioned Space and must meet BA Central Office environmental standards (NIP 74165 BA Central Office Environmental Requirements), in effect at the time of MCIm's equipment installation and as may be modified from time to time, copies of which will be provided (including all updates), to MCIm at cost. MCIm shall be provided with a reasonable period of time after receipt of NIP 74165 updates to comply with their terms. MCIm shall provide, install and maintain in the Partitioned Space any repeaters which may be necessary as a result of the physical distance between the Partitioned Space and the Collocation Premises terminations of the BA network. BA will employ the same procedures aimed at minimizing this physical distance as BA does in conjunction with its own equipment.
- 4.6.11 Upon MCIm's request, BA shall provide basic telephone service at the partitioned space within the same timeframe in which BA provides its own customers serviced from the same end office, with a connection jack from BA for the Partitioned Space.

4.7 Collocation Power Requirements

- 4.7.1 The Parties acknowledge that the Department is currently addressing, in the Consolidated Arbitrations, the rates for collocation. Pending resolution of that proceeding, the Parties agree that any fee for power charged to MCIm by BA shall be the fee contained in BA's FCC collocation tariff. This charge shall be subject to a true-up in the same manner as described in Section 3.2 of this Attachment V for other collocation charges.
- 4.7.2 BA will supply power to support MCIm equipment at equipment specific DC and AC voltages. At a minimum, BA shall supply power to MCIm at parity with

that provided by BA to itself for similar equipment requirements or to any third party. If BA performance, availability, or restoration falls below industry standards, BA shall bring itself into compliance with such industry standards as soon as technically feasible.

- 4.7.3 Collocation Premises power supplied by BA into the MCIm Partitioned Space shall be supplied in the form of power feeders (cables) on cable racking into the designated MCIm Partition Space. The power feeders (cables) shall efficiently and economically support the requested quantity and capacity of MCIm equipment. The termination location shall be as requested by MCIm.
- 4.7.4 BA power equipment supporting MCIm's equipment shall:
 - 4.7.4.1 Comply with applicable industry standards (e.g., Bellcore, NEBS and IEEE) or the manufacturer's equipment power requirement specifications for equipment installation, cabling practices, and physical equipment layout;
 - 4.7.4.2 Have redundant power feeds with physical diversity furnished at additional cost to MCIm, and three (3) hour battery back-up, at minimum, or at parity with that provided for similar BA equipment;
 - 4.7.4.3 Upon MCI's request, to the extent technically feasible, and subject to reimbursement by MCIm of any reasonable costs incurred by BA in connection with its provisioning of such requests, provide the capability for access to alarm data that affects MCIm equipment in the Collocation Space, including, but not limited to, power plant alarms specific to BA power plants providing capacity to the batteries, distribution, fuses and bays within the Collocation Space and environment alarms. To the extent technically feasible, delivery of data from such alarms will be provided to MCIm contemporaneously with its delivery to BA.
 - 4.7.4.4 Provide Collocation Premises ground, connected to a ground electrode located at or on the Collocation Space. MCIm may affix a connection to the BA-provided ground bar in order to provide ground to MCIm's own ground bar within its Collocation Space; and
 - 4.7.4.5 At MCIm's expense and where technically feasible, provide feeder capacity and quantity to support the ultimate equipment layout for MCIm equipment in accordance with MCIm's Short Form Collocation Agreement. Any fee for feeder capacity and quantity charged to MCIm by BA shall be

- set forth in the Short Form Collocation Agreement and shall reflect the amounts listed in Attachment I to this Agreement.
- 4.7.5 BA shall, within ten (10) days of MCIm's request that power be provided:
 - 4.7.5.1 Pursuant to mutual agreement by the Parties, provide an installation sequence and access that reflects individual power requirements for each Collocation Space specifically with the understanding that MCIm typically will desire that power be available before beginning installation of equipment. BA agrees that when MCIm installs its own Battery Distribution Fuse Body (BDFB) in the Collocation Space this BDFB may be powered prior to the installation of other equipment;

4.7.5.2 [INTENTIONALLY LEFT BLANK]

- 4.7.5.3 Provide cabling that adheres to Bell Communication Research (Bellcore) Network Equipment-Building System (NEBS) standards TR-EOP-000063; and
- 4.7.5.4 Provide lock out-tag out and other electrical safety procedures and devices in conformance with the most stringent of OSHA or industry guidelines.
- 4.7.6 BA will provide MCIm with at least five (5) business days notification prior to any scheduled AC or DC power work or related activity in the Collocation Premises that will or might cause an outage or any type of power disruption to MCIm equipment located in the Collocation Premises.
- 4.7.7 BA will provide two (2) 110V AC power for convenience outlets per 100 square feet, lighting for frames, and lighting in the Collocation Space (as per Bellcore NEBS document TR-EOP-000053). BA will also provide 48 volt battery-backed DC power for MCIm's equipment. Any fee for such power charged to MCIm by BA shall be set forth in the Short Form Collocation Agreement and shall reflect the amounts listed in Attachment I to this Agreement.

4.8 Equipment and Cable Installation and Maintenance

4.8.1 The standard hours for MCIm equipment and cable installation in the Collocation Space shall be 9 a.m. to 5 p.m., Monday through Friday, excluding holidays. In those instances where MCIm may reasonably require expanded

installation hours, it shall make such request not less than two (2) business days prior to the requested date of access which shall be promptly reviewed and reasonably responded to by BA. Any such out of hours request for equipment installation within the Collocation Space may require MCIm's payment of costs incurred by BA including, but not limited to, security and or escort service. MCIm will be given written security rules and regulations prior to MCIm's commencement of installation at the Collocation Space. All rules and regulations shall be followed without exception. In no case shall any reasonable security restrictions placed on MCIm be more restrictive than those BA places on its own personnel.

- 4.8.2 For purposes of rectifying service-affecting conditions, BA agrees to allow MCIm's employees and designated agents unrestricted access to Collocation Space in manned Collocation Premises twenty-four (24) hours per day, seven (7) days a week. BA may place reasonable security restrictions on access by MCIm's employees and designated agents to Collocation Space in unmanned Collocation Premises. Notwithstanding the foregoing, BA agrees that with respect to such unmanned Collocation Premises, the Collocation Space shall be available to MCIm's employees and designated agents twenty-four (24) hours per day, seven (7) days per week.
- 4.8.3 MCIm's facilities shall be placed, maintained, relocated or removed in accordance with the applicable requirements and specifications of the current editions of the National Electrical Code (NEC), the National Electrical Safety Code (NESC) and rules and regulations of the Occupational Safety and Health Act (OSHA), and any governing authority having jurisdiction in effect at the time of installation and as they may be modified from time to time. All MCIm entrance facilities and splices must comply with Bellcore Generic Specification for Optical Fiber and Optical Fiber Cable (TR-TSY-00020), Cable Placing Handbook (NX620020912NY), Cable Splicing Handbook (NX620020911NY), Cable Maintenance Handbook (NX620020913NY), and General Information Tools and Safety (NY620020910NY) in effect at the time of installation and as they may be modified from time to time, as they relate to fire, safety, health, environmental safeguards or interference with BA services or facilities. Copies of BA documents will be provided (including all updates), to MCIm at cost. The MCIm Collocation Space equipment must also comply with BA's Collocation Premises engineering, environmental and transmission standards in effect at the time of installation as they may be modified from time to time, as they relate to fire, safety, health, environmental safeguards or interference with BA services or facilities. Where a difference in specification may exist, the more stringent standards shall apply. MCIm shall have the right to exceed any of the foregoing

standards or technical requirements. If MCIm is provided with updated BA standards documents MCIm shall be provided with a reasonable period of time after receipt of such updates to comply with the modified terms. Insofar as the NEC, NESC and OSHA requirements are concerned, MCIm shall be provided with a reasonable period of time after updates to those requirements to comply with their modified terms. MCIm's Collocation Space shall not physically, electronically, or inductively interfere with BA's or other interconnectors? or tenants' facilities.

- 4.8.4 BA reserves the right to prohibit all equipment and facilities, other than cable, from occupying its entrance manholes. No splicing will be permitted in Manhole "O". MCIm must provide a length of underground fiber optic cable in Manhole "O" of sufficient length to be pulled through the BA Conduit Space and into the Collocation Premises cable vault splice location. MCIm is responsible for placement of the cable facility within Manhole "O". MCIm is responsible for the maintenance of the cable(s). BA is responsible for maintaining the manholes.
- 4.8.5 BA will be responsible for installing MCIm feeder cable in the Conduit Space. BA may provide shared Conduit Space with dedicated inner duct. MCIm will not be permitted to reserve space in the Conduit Space. If new Conduit Space is required, BA will negotiate with MCIm to determine the terms under which such Conduit Space is provided.
- 4.8.6 BA reserves the right to manage the Conduit Space and to reserve vacant Conduit Space for BA facility additions planned within three (3) years of its primary use.
- 4.8.7 BA is responsible for installing and maintaining a splice where the feeder cable meets its fire retardant inside riser cable within the Collocation Premises Cable Space. The splice in the Cable Space must be a mechanical splice to avoid safety hazards. No fusion splicing will be permitted. BA will provide space and racking for the placement of an approved secured fire retardant splice enclosure. BA shall tag all entrance facilities to indicate ownership.
- 4.8.8 To avoid unnecessary reinforcements or arrangements, MCIm agrees to size the Collocation Space to meet three (3) year forecasted demand, where feasible. MCIm will be accompanied by qualified BA representatives in all manhole and cable vault locations on a time and materials basis. MCIm personnel may accompany BA personnel in manhole and cable vault locations when BA is performing installation and emergency maintenance repairs on MCIm collocation facilities.

- 4.8.9 BA is responsible for placing fire retardant riser cable from the Cable Space to the Collocation Space. MCIm shall provide fire retardant riser cables which must comply with BA practices and safety requirements for office premises cabling (TR-NTW000409 and National Electrical Code) in effect at the time of installation and as they may be modified from time to time, as they relate to fire, safety, health and environmental safeguards, copies of which will be provided (including all updates), to MCIm at cost. Within ten (10) days after BA's confirmation of Collocation Space availability, the Parties will jointly determine the length of fire retardant cable needed to reach from the splice in the cable vault to the Collocation Space. BA will allocate common riser ducts and common racking where possible. Added or special racking rearrangements requested by MCIm will result in time and materials charges. Where diverse cable vaults permit diverse entrances into the Collocation Premises by MCIm's cable, and where space in such diverse entrances may be available, diverse Cable Space shall be provided by BA upon request by MCIm.
- 4.8.10 Upon MCIm's request and where technically feasible and space permits, BA shall provide two (2) points of entry to the Collocation Premises.
- 4.8.11 MCIm may not construct substantial improvements or make material alterations or repairs to the Collocation Space without the prior written approval of BA, which approval BA shall not unreasonably withhold or delay. Nothing herein shall prevent MCIm from making minor improvements and/or non-material alterations or repairs to the Collocation Space without notice to and approval from BA.
- 4.8.12 The cross-connect frames where the point(s) of termination is located will be provided at or near the Collocation Space. MCIm shall provide and be responsible for installing and maintaining the connection cabling and associated cross-connections between the Collocation Space and the point of termination. BA will provide and be responsible for installing and maintaining all facilities on the BA side of the point of termination. MCIm will pay a maintenance of service charge as specified in BA's applicable Tariffs whenever BA personnel are required to identify a trouble as being on MCIm's side of the point of termination (e.g., in the connection cabling or associated cross connections).
- 4.8.13 If at any time BA determines that either MCIm's equipment or its installation does not substantially meet the requirements outlined in this Agreement, MCIm will be responsible for the costs associated with the removal of equipment or modification of the equipment or installation to render it

compliant. If MCIm fails to correct any material non-compliance with these standards within sixty (60) days' written notice to MCIm, BA may have the equipment removed or the condition corrected at MCIm's expense. If during the installation phase, BA reasonably determines any MCIm activities or equipment are unsafe or in violation of any applicable laws or regulations specified in this Agreement, BA has the right to immediately stop the work or place it on hold. However, when such conditions pose an immediate threat to the safety of BA's employees, interfere with the performance of BA's service obligations, or pose an immediate threat to the physical integrity of the Conduit System or the cable facilities of BA, BA may perform such work and/or take such reasonable action that BA deems necessary without prior notice to MCIm. The cost of such work and/or action shall be borne by MCIm.

- 4.8.14 BA shall provide the following information to MCIm within five (5) business days of receipt of a written request and MCIm's payment of the Deposit:
 - 4.8.14.1 Work restriction guidelines;
 - 4.8.14.2 BA or industry technical publication guidelines, if any, that affect the design of BA collocated equipment; and
 - 4.8.14.3 Escalation process for the BA employees (names, telephone numbers and the escalation order) for any disputes or problems that might arise in connection with MCIm's Collocation.
- 4.8.15 BA shall provide MCIm with written notice five (5) business days prior to those instances where BA or its subcontractors may be performing work in the general area of the Collocation Space occupied by MCIm, or in the general area of the AC and DC power plants which support MCIm equipment. BA will make best efforts to inform MCIm by telephone of any emergency-related activity that BA or its subcontractors may be performing in the general area of the Collocation Space occupied by MCIm, or in the general area of the AC and DC power plants which support MCIm equipment. Subject to safety concerns or other exigencies of the emergency, notification of any emergency-related activity shall be made immediately prior to the start of the activity so that MCIm can take any action required to monitor or protect its service. MCIm shall attach to its Collocation Space cage in a clearly visible and easily accessible location a copy of the MCIm notification methods and procedures (e.g., name and contact telephone numbers for 24-hour contacts to be made by BA to MCIm under this Section 4.8.15).

Section 5 Removals, Relocations and Rearrangements

- 5.1 Upon termination of MCIm's license for any Partitioned Space or any one hundred (100) square feet portion thereof, MCIm must remove its equipment from such space within sixty (60) days. Upon removal by MCIm of all its equipment from the Partitioned Space or portion thereof, MCIm must restore that Partitioned Space to a broom clean condition, with ordinary wear and tear excepted. Due to physical and technical constraints, removal of cable shall be at BA's option.
- 5.2 If it becomes necessary in BA's reasonable judgment in order to fulfill its obligations under the public service law and there are no other reasonable alternatives, BA may require MCIm to move from its Partitioned Space to Partitioned Space in another location within the same Collocation Premises. BA will negotiate a schedule with MCIm under which such relocations will be effected. BA will bear only the costs of relocating the Partitioned Space enclosure, point of termination and associated BA cabling. MCIm will be responsible for relocating its equipment and facilities. The Parties will work together in good faith to minimize any disruption of MCIm's services as a result of such relocation.
- 5.3 Should MCIm wish to move equipment from one location to another, MCIm will be responsible for removing and transporting its equipment to the new site and installing it.
- 5.4 Should BA need to install additional facilities in any conduit system in which MCIm occupies Conduit Space for the purpose of meeting BA's own service requirements or for providing for another interconnector, BA will use its best efforts to avoid rearrangement of MCIm facilities; however, if such rearrangement cannot be reasonably avoided, BA shall rearrange MCIm's facilities in the conduit system after notification to MCIm as reasonably determined to be necessary by BA so that the additional facilities of BA or the other Interconnector may be accommodated. MCIm shall have the right to be present during such activity.
- 5.5 In the event of an emergency involving MCIm's facilities occupying Conduit Space or Cable Space, BA will use reasonable efforts to notify MCIm prior to rearranging such facilities, but nevertheless may take such action without prior notification if the circumstances warrant. Such rearrangement will be at MCIm's expense if such emergency is a direct result of MCIm's occupancy of space(s) under a Short Form Collocation Agreement or results from any negligent act or omission on the part of MCIm, its employees or agents. Otherwise, MCIm will not be liable for the expense.
- 5.6 Where MCIm intends to modify, move, replace or add to equipment or facilities within or about the Partitioned Space and requires special consideration (e.g., use of freight elevators, loading dock, staging area, etc.), MCIm must obtain BA's prior

consent, which consent will not be unreasonably withheld or delayed.

Section 6 Term, Termination and Renewal

- 6.1 MCIm may occupy the Collocation Space(s) set forth in a Short Form Collocation Agreement for a period of three (3) years from the Occupancy Date set forth in the Design and Construction Work Completion Notice. Occupancy for all Collocation Spaces will be granted upon completion of the design and construction work including "cut down" of BA cabling at the Point of Termination based on the requested DS3, DS1, DS0 and voice grade interconnections identified by MCIm in the Short Form Collocation Agreement. In the event that BA is delayed in providing occupancy to MCIm for any reason other than the acts or omissions of MCIm which proximately give rise to the delay, MCIm shall not be obligated to pay the occupancy/power fees for such Collocated Space under the Short Form Collocation Agreement until the date BA provides occupancy/power to MCIm.
- 6.2 BA shall have the right, for good cause shown, and upon six (6) months notice, to reclaim any Partitioned Space, Cable Space or Conduit Space, in order to fulfill its obligations under applicable public service law. In such cases, BA will reimburse MCIm for reasonable direct costs and expenses in connection with such reclamation.
- 6.3 BA shall have the right to terminate a Short Form Collocation Agreement at any time with respect to any Partitioned Space and associated Cable Space and Conduit Space where the Collocation Premises become the subject of a taking by eminent authority having such power. BA shall notify MCIm of such termination and identify the schedule by which MCIm must proceed to have MCIm's equipment or property removed from the Partitioned Space and associated Cable Space and Conduit Space. MCIm shall have no claim against BA for any relocation expenses, any part of any award that may be made for such taking or value of any unexpired initial term or renewal periods that result from a termination by BA under this provision, or any loss of business from full or partial interruption or interference due to any termination. However, nothing herein shall be construed as preventing MCIm from making a claim in any condemnation proceedings for MCIm's relocation expenses, or other related damages including but not limited to attorneys' fees.
- 6.4 MCIm may, without cause and for its convenience, terminate a Short Form Collocation Agreement for any Partitioned Space or portion thereof (in 100 square feet decrements), Cable Space and Conduit Space and DC power described in such Short Form License Agreement by giving sixty (60) days' prior written notice to BA. However, any remaining Partitioned Space licensed under a Short Form Collocation Agreement may not be less than one hundred (100) square feet. MCIm is responsible for the direct

reasonable costs, if any, of any partial termination, which cost may include, but is not limited to, any required cage modifications and cable relocation.

6.5 MCIm shall have the option to renew its license to occupy any of its Collocation Space for one or more additional periods of three (3) years. (the "Renewal Period"). The Renewal Period will become the new term of the Short Form Collocation Agreement at the time of execution of an amendment thereto extending the initial term. MCIm has the option to renew at the end of each term unless it is found to be in breach of such Short Form Collocation Agreement. Renewal of a Short Form Collocation Agreement by the Parties shall be automatic unless written notice is provided by either party to the other 60 days prior to the expiration of the term of the Short Form Collocation Agreement. In the event new fees shall apply during such Renewal Period, such fees shall be set forth in an amendment to the Short Form Collocation Agreement and shall reflect the then current fees set forth in Attachment I, or, in the event this Agreement has terminated, the then current fees set forth in the applicable BA tariff.

Section 7 Fees, Taxes and Payment Terms

(Reconciliation of fees)

- 7.1 MCIm shall pay BA the fees set forth in each Short Form Collocation Agreement.
- 7.2 BA shall commence billing for the fee(s), other than design and construction work charges, as of the Occupancy date.
- 7.3 The design and construction work fees delineated in Attachment I and set forth in the Short Form Collocation Agreement shall be paid by MCIm in accordance with the following milestones:

Payment Milestone/Event

FIRST INSTALLMENT: First installment will be paid on the

Start Date, prior to

(50% of total estimate) commencement of design and

construction work

FINAL BILL: Final bill will be rendered based

upon actual costs and charges and is payable within thirty (30) days of receipt of bill, but no sooner than

BA's completion of Design and Construction Work as specified in

the Short Form Collocation

Agreement.

Section 8 Other Obligations of MCIm

8.1 Insurance

8.1.1 MCIm shall, at its sole cost and expense procure, maintain, pay for and keep in force insurance as specified in Section 8.1.2 and underwritten by insurance companies licensed to do business in the Commonwealth of Massachusetts having a Best insurance rating of at least AA-12. BA shall be named as an additional insured on all applicable policies as an additional insured specified in Sections 8.1.2.1-8.1.2.2. BA shall be named as loss payee (as its interest may appear) on all applicable policies specified in Section 8.1.2.3. MCIm's agreement to provide the certificate of insurance under this Attachment V shall not modify or expand the liability limitations set forth in Part A of this Agreement, nor shall such agreement to insure be construed as a pre-indemnification for any BA claim or demand.

8.1.2 Such coverage shall include:

- 8.1.2.1 Comprehensive general liability coverage on an occurrence basis in an amount of \$2 million combined single limit for bodily injury and property damage, with a policy aggregate of \$2 million. Said coverage shall include the contractual, independent contractors products/completed operations, broad form property and personal injury endorsements;
- 8.1.2.2 Umbrella/excess liability coverage in an amount of \$5 million in excess of the coverage as specified in Section 8.1.2.1 above;
- 8.1.2.3 All risk property coverage on a full replacement cost basis insuring all of MCIm's personal property situated on or within BA's location(s); and
- 8.1.2.4 (a) Statutory workers compensation coverage; and (b) Employers liability coverage in an amount of \$2 million.
- 8.1.3 The limits set forth in Sections 8.1.2.1-8.1.2.2 may be increased by BA from time to time during the term of this Agreement, upon prior written notice, to at least such minimum limits as shall then be customary in respect of comparable situations within the existing BA buildings.
- 8.1.4 All policies purchased by MCIm shall be deemed to be primary and not

contributing to or in excess of any similar coverage purchased by BA.

- 8.1.5 All insurance must be in effect as of the Occupancy Date and shall remain in force as long as MCIm's facilities remain within any spaces governed by a Short Form Collocation Agreement. If MCIm fails to maintain the coverage, BA may pay the premiums thereon and seek reimbursement of same from MCIm.
- 8.1.6 MCIm shall submit certificates of insurance reflecting the coverages specified in Section 8.1.2 prior to the commencement of the work called for in a License Agreement. MCIm shall arrange for BA to receive thirty (30) days' notice with respect to the applicable Collocation Space advance notice of cancellation of any insurance covering Collocation Space from MCIm's insurance company. Notice of cancellation should be forwarded to BA, 1095 Avenue of the Americas, Room 3532, New York, New York 10036, Attention: Risk Management.
- 8.1.7 MCIm must also conform to the recommendation(s) made by BA's fire insurance company which BA has already agreed to or to such recommendations it shall hereafter agree to. Any such recommendation must be immediately furnished to MCIm in writing, with any and all written updates promptly provided by BA to MCIm from time to time. MCIm shall be given a reasonable amount of time to comply with the foregoing recommendations.

8.2 Mechanic?s Liens

8.2.1 Any mechanic's lien filed against the Collocation Premises or the real property of which the Collocation Premises are a part for work claimed to have been done for MCIm or materials claimed to have been furnished to MCIm shall be discharged of record by MCIm within sixty (60) days after MCIm receives notice thereof, at MCIm's expense, by payment, deposit, bond, court order or otherwise.

Section 9 Damage to Collocation Space

- 9.1 If the Partitioned Space or any part thereof shall be damaged by fire or other casualty, MCIm shall give immediate notice thereof to BA and the applicable Short Form Collocation Agreement shall continue in full force and effect except as hereinafter set forth.
- 9.2 If the Partitioned Space is partially damaged or rendered partially unusable by fire or other casualty not caused by MCIm, the damages thereto shall be promptly repaired

by and at the expense of BA. The occupancy fee, until such repair shall be substantially completed, shall be apportioned from the day following the casualty according to the part of the Partitioned Space and/or associated Cable and Conduit Spaces which are usable.

9.3 If any Partitioned Space, Cable Space, or Conduit Space is totally damaged or rendered wholly unusable by fire or other casualty not caused by MCIm, then the occupancy/power fees for such space shall be paid up to the time of the casualty and thenceforth shall cease until the date when the space shall have been repaired and restored by BA.

9.4 If the Partitioned Space, Cable Space, or Conduit Space is rendered wholly unusable through no fault of MCIm, or (whether or not the demised premises are damaged in whole or in part) if the building shall be so damaged that BA shall decide to demolish it or to rebuild it, then, in any of such events, BA may elect to terminate any affected Short Form Collocation Agreements by written notice to MCIm given within ninety (90) days after such fire or casualty specifying a date for the expiration of any such Short Form Collocation Agreement, which expiration date shall not be more than sixty (60) days after the giving of such notice, and upon the date specified in such notice the term of any such Short Form Collocation Agreement shall expire as fully and completely as if such date were the date set forth in Section 6 for the termination of any such Short Form Collocation Agreement and MCIm shall forthwith guit, surrender and vacate the premises, without prejudice however, to each Party's rights and remedies under any such Short Form Collocation Agreement provisions in effect prior to such termination, and any occupancy fee owing shall be paid up to such date and any payments of occupancy fee made by MCIm which were on account of any period subsequent to such date shall be returned to MCIm. Unless either Party shall serve a termination notice as provided for herein, BA shall make the repairs and restorations under the conditions of Sections 9.2-9.3 hereof, with all reasonable expedition subject to delays due to adjustment of insurance claims, labor troubles and causes beyond BA's reasonable control. After any such casualty, MCIm shall cooperate with BA's restoration by removing from the Partitioned Space as promptly as reasonably possible, all of MCIm's salvageable inventory and movable equipment, furniture and other property. MCIm's liability for occupancy fees shall resume either upon occupancy by MCIm of the Partitioned Space, Cable Space, or Conduit Space as restored to a condition comparable to that existing prior to such casualty.

Section 10 Technical References

BA and MCIm shall comply with the following standards:

MCIm-BELL ATLANTIC MASSACHUSETTS INTERCONNECTION AGREEMENTV - 23

- 10.1 Institute of Electrical and Electronics Engineers (IEEE) Standard 383, IEEE Standard for Type Test of Class 1 E Electric Cables, Field Splices, and Connections for Nuclear Power Generating Stations.
- 10.2 National Electrical Code (NEC) use latest issue.
- 10.3 TA-NPL-000286, NEBS Generic Engineering Requirements for System Assembly and Cable Distribution, Issue 2, (Bellcore, January 1989).
- 10.4 TR-EOP-000063 Network Equipment-Building System (NEBS) Generic Equipment Requirements, Issue 3, March 1988.
- 10.5 TR-EOP-000151, Generic Requirements for 24-, 48-, 130-, and 140- Volt Central Office Power Plant Rectifiers, Issue 1, (Bellcore, May 1985).
- 10.6 TR-EOP-000232, Generic Requirements for Lead-Acid Storage Batteries, Issue 1 (Bellcore, June 1985).
- 10.7 TR-NWT-000154, Generic Requirements for 24-, 48-, 130, and 140- Volt Central Office Power Plant Control and Distribution Equipment, Issue 2, (Bellcore, January 1992).
- 10.8 TR-NWT-000295, Isolated Ground Planes: Definition and Application to Telephone Central Offices, Issue 2, (Bellcore, July 1992).
- 10.9 TR-NWT-000840, Supplier Support Generic Requirements (SSGR), (A Module of LSSGR, FR-NWT-000064), Issue 1, (Bellcore, December 1991).
- 10.10 TR-NWT-001275 Central Office Environment Installations/Removal Generic Requirements, Issue 1, January 1993.
- 10.11 Underwriters Laboratories Standard, UL 94.
- 10.12 BA Information Standard for Central Office Installation and Removal Procedure NIP 74160.
- 10.13 BA Central Office Environmental Standards NIP 74165.

APPENDIX A

FORM OF SHORT FORM COLLOCATION AGREEMENT

THIS SHORT FORM COLLOCATION AGREEMENT ("COLLOCATION AC	SREEMENT")
BETWEEN NEW ENGLAND TELEPHONE AND TELEGRAPH COMPAN'	Y, d/b/a BELL
ATLANTIC -MASSACHUSETTS ("BA") AND MCImetro ACCESS TRANSM	IISSION
SERVICES, INC. ("MCIm" OR "LICENSEE"), SHALL BE GOVERNED BY	AND
CONSTRUED IN ACCORDANCE WITH THE TERMS AND CONDITIONS	SET FORTH
IN ATTACHMENT V TO THE AGREEMENT BETWEEN THE PARTIES D	ATED
, 1998 ("INTERCONNECTION AGREEMENT").	

A. Term

B. Collocation Premises Address:

The term of this Collocation Agreement shall commence as of the Occupancy Date set forth on the Design and Construction Completion Notice, a form of which is attached hereto as Exhibit 1, and shall terminate three (3) years from the Occupancy Date unless otherwise terminated in accordance with Attachment V.

C.	MCIm Collocation Space Requirements:
	1. Partitioned Space: (Include number of square feet, floor, location)
	2. Cable Space: (Include description of Cable Riser, Cable Rack Support Structure and Cable Vault)
	3. Conduit Space: (Describe route(s) from manhole(s) into building)
	Special Collocation Space Requests/Revisions

D.	Design and Construction Work:	required at the	he Collocatior	of make-ready work Premises and mpletion dates)
E.	Turnover of Collocation Space:			
	Collocation Space will be rea	dy for occupancy	on	.
F.	Schedule of Fees:			
	1. Non Recurring Charges.			
	a. Charge \$			
	b. Estimate for Non-R Splice.	ecurring Charges	Associated v	vith Cable Pull and
		Hours	Rate	Total
	Technician			
2. Collocation Space Monthly Licensing Fees:				
	Rates and Fees-Spaces:	A <u>Monthly</u> <u>Rate*ⁱ</u>	<u>B</u> <u>Area</u>	(A x B = C) Monthly License <u>Fee</u>
	1. Partitioned Space			
	2. Cable Space**1			
	Cable 1 (Primary) (Per cable linear ft)			

¹ **The linear footage is computed as the sum of the lengths as follows:

^{1.} Horizontally - from the manhole entrance wall as run to the riser leading to the higher floors in the building.

^{2.} Vertically - from the entrance height in the vault, as run, to the physical termination at the Point of Termination.

^{3.} Horizontally - from the riser on the collocated Licensee's floor, as run, to the Point of Termination.

	(Alternate) le linear ft)		
3. Conduit R	ates and Descr	iption	
	Rate	Distance	Annual Mthly Lic Fee
Conduit Spa	ace		
Primary Rou	ıte		
Alternate Route			
4. D.C. Powe	er		
(48 Volt with	າ Battery Back ເ	up)	
	pace and faciliti bed above.	es rates represent t	the total monthly license and
\$T G. Penalty Fees Pa	otal per Month ayable to Interco	onnector:	
H. Points of Contac	t:		
ВА			
Attn: Fax:			
			
MCImetro Ac	cess Transmiss	sion Services, Inc.	
			
Attn:			
Fax:			

MCIm-BELL ATLANTIC MASSACHUSETTS INTERCONNECTION AGREEMENTAA - 3

EXHIBIT I

DESIGN AND CONSTRUCTION COMPLETION NOTICE

MCIm:	
Collocation Premises Address:	
Partition Space No.:	
Post Installation Inspection Date:	
Construction work has been complet isted in the "Exceptions" section below BA actions, shall be completed by accordance with MCIm's acceptance he Collocation Space(s) has been to	low (Occupancy Date), the Design and ed and accepted, except for any minor exceptions ow. Such exceptions, to the extent they are caused a BA pursuant to the schedule below. In of the work and MCIm's intent to take occupancy, arned over to MCIm for occupancy and an been provided access to the Partitioned Space as
Exceptions to work performed for MC	Clm:
Schedule for BA completion of Excep	otions:
ACCEPTED BY:	
MCIm Metro Access Transmission Services Inc.	New England Telephone and Telegraph Company d/b/a Bell Atlantic-Massachusetts
Зу:	By:
Name:	Name:
Title:	Title:
Occupancy Date	